

Docket. No.: 250132US-2TTCRD DIV  
Inventor: Shiho OKUNO, et al.

LISTING OF THE CLAIMS

Claim 1 (Original): A magnetoresistance effect element comprising:

- a first ferromagnetic layer;
- an insulating layer overlying said first ferromagnetic layer; and
- a second ferromagnetic layer overlying said insulating layer,

said insulating layer having a through hole penetrating its thickness direction at its predetermined position, said first ferromagnetic layer and said second ferromagnetic layer being electrically connected to each other via said through hole, and said through hole having an opening width not larger than 20nm.

Claims 2-19 (Canceled)